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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/899,718A

DATE: 05/13/2002
 TIME: 16:39:22

Input Set : A:\00063545.txt
 Output Set: N:\CRF3\05132002\I899718A.raw

3 <110> APPLICANT: Aventis CropScience GmbH
 5 <120> TITLE OF INVENTION: Promotor for gene expression in caryopses of plants
 7 <130> FILE REFERENCE: 514413-3886
 9 <140> CURRENT APPLICATION NUMBER: 09/899,718A
 C--> 10 <141> CURRENT FILING DATE: 2002-04-29
 12 <150> PRIOR APPLICATION NUMBER: DE 100 41 861.9
 13 <151> PRIOR FILING DATE: 2000-08-26
 15 <150> PRIOR APPLICATION NUMBER: DE 100 32 379.0
 16 <151> PRIOR FILING DATE: 2000-07-06
 18 <160> NUMBER OF SEQ ID NOS: 11
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 3785
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Triticum aestivum
 27 <400> SEQUENCE: 1
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 30 tcatattgtg taacagtgcg attcttgtgc caattatgtca caatttcttt tgtaattgtt 120
 32 tggttcatgt tttatttcat ttctttact ttttagggta aaaccaatgc ccccaattca 180
 34 ttctaccaa gagaaaaattc agttttatac tagtttcagt tttatttattt tttattaatgt 240
 36 gtttttagtt ggtttctca tttatgtgtt tgcataataa tttaggggtgt gtgtcggtgt 300
 38 gtaataatac acataagtat tatacaccca tttttgcagt cataaaaatata tgcaatttca 360
 40 gtacaaatttgcgcaaaact ctttttcatt ttttattttt tttttatttt tcttctttaa 420
 42 ggtaataacc aatgataacta atttatgcct cattggaaa tttcggtttt aaaaattatgc 480
 44 tagtacacac ttattttgtt atattatggaa aaagcgcata ttctgtgtt gttttgtcat 540
 46 tcgtatttt ttttcatttt tttttcttctt ggaagggtaa cactaatgcc actaatttcat 600
 48 tcttgcttag aaaacttttag tattttgattt gtgttttagt ttttatttca ttttgcgtgt 660
 50 tctttaaggg aaataccaaat gccactaattt cattccatct tagaaaatctt ctttatctta 720
 52 caaaaactca acttttatattt gcttatttgcgt gcattttataaaaaggcacag tttcttatcta 780
 54 aattgcgtgc aaacttttatttatttgc taaatttattt ttttcttagaa tgatgatacc 840
 56 aatgccacta attcattccg tgagcagcga atatgcggaa tgcctacgttattttgtt 900
 58 gtcgcatttt tcatttttca cgcatggcga tgcataccctt acacatgcac acacacgcac 960
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 62 cgacacacac gcacagccac atgcgtgcac ttagaaaagaa aaaatagaca cgtataccattt 1080
 64 ggactggcta gctataactac cgtgttaacac tagtacgtt gttttgtacg acctattttc 1140
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82	gcgtggacat cacagcagga acacccaccg gcagcccacc gggcgccgc gggcaggaca	1680
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86	aaaggcgcgt cggccagcca cgacgcgcgt gcaaagcgcg ccggcgaacc gagaatgtgc	1800
88	caggctgcca gccgctccgc gtttaccata gtctcgtacg tgtgccactc cactccgctc	1860
90	cgctcggcac gcacgcacgc aggccagaaac aaacaaacaa aaaaaaaagt gggtcattca	1920
92	ctccactcaa cgtcgctt caggacgatg cttegggtcc ttaagacacc taccttttg	1980
94	tctatgacat gtgagccaa cagatggctg gcccacatgt cagtatcca aaggcagggt	2040
96	ccttaaagc accgaagctg cgtccgcct ttcattacac gggccatgca tgccgggtcg	2100
98	tgcgtcccg tctaggcggtt cgggtcccg ccgcgtcat gcatgcacga ggagcggagc	2160
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128	actctggtca tttttttt gatttcaaat tcaaatgtaa aatccagaaaa acttgcgtc	3060
130	aaattctgtt ttacttcaact actcaactt aatcgttgc gtcgtctt gtcgtcggta	3120
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138	caggaaacccg caccgattcg accggcggtt ccttccatg gtggtgcgcg ccacgggcag	3360
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146	aggccaaacgg tcaccgggtt atggatcatc ccccgcttgc gaccaggatc aaggacgcct	3600
148	gggacaccag cgtcatctcc gaggtatata tccggccat gattatcac aattcacatg	3660
150	ctccgtcaca ttctgtcaag actttactga ctggctggat ctgcagatc aaggtcggtt	3720
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154	tcgac	3785

157 <210> SEQ ID NO: 2

158 <211> LENGTH: 29

159 <212> TYPE: DNA

160 <213> ORGANISM: Artificial Sequence

162 <220> FEATURE:

163 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter

165 <400> SEQUENCE: 2

166 cacgcaaaagg cgcgtcgcc accacgcac

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169 <210> SEQ ID NO: 3

170 <211> LENGTH: 21

171 <212> TYPE: DNA

172 <213> ORGANISM: Artificial Sequence

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174 <220> FEATURE:
175 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter
177 <400> SEQUENCE: 3
178 agaaacaaac aaacaaacaa a 21
181 <210> SEQ ID NO: 4
182 <211> LENGTH: 72
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter
189 <400> SEQUENCE: 4
190 ccttcagaga cgatgcttcg gtgccttaag acacctaccc ttgtgttat gacatgtgag 60
192 cccaaacagtgc 72
195 <210> SEQ ID NO: 5
196 <211> LENGTH: 26
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter
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208 <211> LENGTH: 12
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter
215 <400> SEQUENCE: 6
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220 <211> LENGTH: 24
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter
227 <400> SEQUENCE: 7
228 tcagccagg ccaccccggtc cacg 24
231 <210> SEQ ID NO: 8
232 <211> LENGTH: 18
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a caryopsis-specific promoter
239 <400> SEQUENCE: 8
240 atactctgggt catgttaa 18
243 <210> SEQ ID NO: 9
244 <211> LENGTH: 20

245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence

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248 <220> FEATURE:

249 <223> OTHER INFORMATION: primer used in PCR reaction, obtained from Roche Diagnostics
GmbH,

250 Manheim, Germany

252 <400> SEQUENCE: 9

253 atggcggtc tggtcacgtc

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256 <210> SEQ ID NO: 10

257 <211> LENGTH: 20

258 <212> TYPE: DNA

259 <213> ORGANISM: Artificial Sequence

261 <220> FEATURE:

262 <223> OTHER INFORMATION: primer used in PCR reaction, obtained from Roche Diagnostics
GmbH,

263 Manheim, Germany

266 <400> SEQUENCE: 10

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270 <210> SEQ ID NO: 11

271 <211> LENGTH: 13

272 <212> TYPE: DNA

273 <213> ORGANISM: Triticum aestivum

275 <400> SEQUENCE: 11

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